

Claims

1. A device for controlling a braking force of the vehicle, the device comprising a braking force boosting control portion that increases the
5 braking force in response to a detection of a possibility of a collision with an obstacle in a driving course of the vesicle; and a boost-reducing control portion that controls the boosting control portion so as to reduce the braking force when steering operation is executed by a driver of the vehicle as compared to a braking force to be generated when no steering operation is
10 executed.

2. A device for controlling a braking force of the vehicle, the device comprising a braking force boosting control portion that increases the
15 braking force in response to a detection of a possibility of a collision with an obstacle in a driving course of the vesicle; and a boost-reducing control portion that controls the boosting control portion so as to reduce the braking force when it is judged that the collision is avoidable by steering operation of a driver of the vehicle as compared to a braking force to be generated when it is judged that the collision is inevitable by the steering operation.

3. A device according to claim 2, wherein the boost-reducing control portion comprises a boost-restricting control portion that restricts a
25 braking force to be generated when it is judged that the collision is avoidable by steering operation of a driver of the vehicle; and the boost-reducing control portion inhibits the boost-restricting control portion from restricting the braking force when it is judged that the collision is inevitable by the steering operation.

4. A device according to claim 1, wherein the boost-reducing
30 control portion controls a reduction in the braking force based upon a lateral

force on a steered wheel estimated from the steering operation by the driver and/or a motional condition of the vehicle.

5 5. A device according to claim 4, wherein the boost-reducing control portion increases the reduction in the braking force when the estimated lateral force on the steered wheel is high as compared to the reduction in the braking force to be set when the estimated lateral force on the steering wheel is low.

10 6. A device according to claim 1, wherein the boost-reducing control portion controls the boosting control portion so that the braking force on a steered wheel is smaller than that on a non-steered wheel.